Question

Should [interven	Should [intervention] vs. [comparison] be used for [health problem and/or population]?						
PROBLEM:		BACKGROUND:					
OPTION:	[intervention]						
COMPARISON:	[comparison]						
MAIN OUTCOMES:							
SETTING:							
PERSPECTIVE:							

Assessment

		ונ	UDGEMENT			RESEARCH EVIDENCE	ADDITIONAL CONSIDERATIONS
PROBLEM	Is the problem o No o Probably no o Probably yes o Yes	a priority?					
a	o Varies o Don't know						
nt	Panel discussion Detailed questi	ons		ere or importa	nt in terms of	the potential benefits or savings)?	
Detailed Judgement	No	Probably no	Probably yes	Yes	Varies	Don't know	
ludg	Is the problem u	irgent?					
[pəl	No	Probably no	Probably yes	Yes	Varies	Don't know	
etai	Is it a recognize	d priority (e.g. base	ed on a political or p	oolicy decision)	?		
Δ	No	Probably no	Probably yes	Yes	Varies	Don't know	
	Final judgemen	t Is the problem a	priority?				

	No Probably no Probably yes Yes Varies Don't know
DESTRABLE EFFECTS	How substantial are the desirable anticipated effects? o Trivial o Small o Moderate o Large o Varies o Don't know
nt	DESIRABLE EFFECTS: How substantial are the desirable anticipated effects? Panel discussion
Detailed Judgement	Detailed questions How substantial is the anticipated effect (difference) for each main outcome for which there is a desirable effect? Main outcomes Judgements
Detaile	List outcomes • O Trivial • Small • Moderate • Large • Varies • Don't know
	Final judgement How substantial are the desirable anticipated effects? Trivial Small Moderate Large Varies Don't know
UNDESIRABLE EFFECTS	How substantial are the undesirable anticipated effects? o Large o Moderate o Small o Trivial
UNDE	o Varies o Don't know

	UNDESIRABLE EFFECTS: How substantial are the undesirable anticipated effects? Panel discussion								
Detailed Judgement	Detailed questions How substantial is the anticipated effect (difference) for each main outcome for which there is a desirable effect?								
JC pg	Main outcomes Judgements								
Detaile	List outcomes • Trivial • Small • Moderate • Large • Varies • Don't know								
	Final judgement How substantial are the undesirable anticipated effects?								
	Trivial Small Moderate Large Varies Don't know								
CERTAINTY OF EVIDENCE	What is the overall certainty of the evidence of effects? o Very low o Low o Moderate o High o No included studies								
VALUES	Is there important uncertainty about or variability in how much people value the main outcomes? o Important uncertainty or variability o Possibly important uncertainty or variability o Probably no important uncertainty or variability o No important uncertainty or variability								
nent	VALUES: Is there important uncertainty about or variability in how much people value the main outcomes? Panel discussion Detailed questions Is there important uncertainty about how much people value the main outcomes?								
dgen	Main outcomes Judgements								
Detailed Judgement	List outcomes o Trivial o Small o Moderate o Large o Varies o Don't know Final judgement Is there important uncertainty about or variability in how much people value the main outcomes?								
	Important uncertainty or Possibly important Probably no important No important uncertainty or variability uncertainty or variability variability								

Health systems recommendations, from GRADEPro Guideline Development Tool (GTD) 31 January 2017 Does the balance between desirable and undesirable effects favor the intervention or the comparison? o Favors the comparison o Probably favors the comparison o Does not favor either the intervention or the comparison **BALANCE OF** o Probably favors the intervention o Favors the intervention o Varies o Don't know BALANCE OF EFFECTS: Does the balance between desirable and undesirable effects favor the intervention or the comparison? Detailed judgements for this criterion include judgements regarding each of the four preceding criteria: Is there important uncertainty about or variability in how much people value the main outcomes? What is the overall certainty of the evidence of effects? How substantial are the desirable anticipated effects? How substantial are the undesirable anticipated effects? In addition, panels might want to consider (and, if relevant document) the extent to which the following considerations might influence the balance between the desirable and undesirable effects: How much less people value outcomes that are in the future compared to outcomes that occur now (their discount rates)? People's attitudes towards undesirable effects (how risk averse they are). People's attitudes towards desirable effects (how risk seeking they are). Panel discussion Final judgement Does the balance between desirable and undesirable effects favor the intervention or the comparison? Does not favor either Probably favors the Probably favors the Favors the Favors the Don't the intervention or the Varies intervention comparison intervention comparison know comparison How large are the resource requirements (costs)? o Large costs o Moderate costs Negligible costs and savings RESOURCES o Moderate savings o Large savings o Varies

o Don't know

	RESOURCES REQUIRED: How large are the resource requirements (costs)? Panel discussion						
	Detailed questions How large is the difference in each iter	n of resource for which fewer re	esources are required?				
ent	Main resources	Judgements					
Detailed Judgement	Add resource	o No O Probably no OProbably yes	o Yes o Varies o Don't	know			
iled	How large is the difference in each iter	n of resource use for which mor	re resources are required?				
Deta	Main resources	Judgements	•				
_	Add resource	O No O Probably no OProbably yes	o Yes o Varies o Don't k	know			
	Final judgement How large are the res	source requirements (costs)?					
	Large costs Moderate co	sts Negligible costs and savings	Moderate savings	Large savings	Varies	Don't know	
F EVIDENCE OF RESOURCES	What is the certainty of the evidence o Very low o Low o Moderate o High	of resource requirements (co	ests)?				
CERTAINTY OF EVII REQUIRED RESO	o No included studies						

	CERTAINTY OF EVIDENCE OF REQUIR Panel discussion	RED RESOURCES: What is the	certainty of the eviden	ce of resource requirements (costs)?	
	Detailed questions Have all important items of resource us	se that may differ between the	options being considere	d been identified?	
	Main resources	Judge	ments		
ment	Add resource: How certain is the cost of the items of r	o No o Probably no oProbably yes			
dgel	Main resources	Judgements		sidered:	
d Ju	Add resource	O No O Probably no OProbably yes	o Vos la Varios la Don'	t know	
Detailed Judgement	Is there important variability in the cos Main resources				
	Add resource Final judgement What is the certainty	o No o Probably no oProbably yes of the evidence of resource red		t know	
	Very low Low	Moderate	High	No included studies	
COST EFFECTIVENESS	Does the cost-effectiveness of the int o Favors the comparison o Probably favors the comparison o Does not favor either the intervention o o Probably favors the intervention o Favors the intervention o Varies o No included studies		tion or the comparison?		

	COST EFFECTIVENESS Panel discussion	5: Does the cost-effectiveness	of the intervention f	avor the interv	ention or the	comparison	?		
	Detailed questions Is the cost-effectiveness ratio sensitive to one-way sensitivity analyses?								
	No	Probably no	Probably	yes	Yes		No inclu	ided studies	5
Ħ	Is the cost-effectivenes	s ratio sensitive to multi-variab	le sensitivity analysis	?		'			
Judgement	No	Probably no	Probably	-	Yes		No inclu	ided studies	5
ndge	Is the economic evalua	tion on which the cost-effective	eness estimate is base	ed reliable?					
	No	Very serious limitation	ons Serious limi	itations N	lo serious lir	mitations	No inclu	ıded studie	s
Detailed	Is the economic evalua	tion on which the cost-effective	eness estimate is base	ed applicable to	the setting(s)	of interest?			
Ω	No	Very serious limitation	ons Serious limi	itations N	lo serious lir	s limitations No included studies		S	
	Favors the	Probably favors the th	tervention favor the less not favor either e intervention or	Probably fa	vors the	Favors		Varies	No included
	comparison	comparison	the comparison	interver	ition	interven	tion		studies
EQUITY	What would be the im O Reduced O Probably reduced O Probably no impact O Probably increased O Increased	pact on health equity?							
	o Varies o Don't know								

	EQUITY: What would be the impact on health equity? Panel discussion								
	Detailed questions Are there groups or	settings that might be	e disadvantaged in rela	ation to the proble	m or options that ar	e considered?			
	Yes	Probably yes	Probably no	No	Don't know				
Ħ	Are there plausible r	easons for anticipatir	ng differences in the re	lative effectivenes	s of the option for d	isadvantaged groups	or settings?		
eme	Yes	Probably yes	Probably no	No	Don't know				
Detailed Judgement	Are there different baseline conditions across groups or settings that affect the absolute effectiveness of the option or the importance of the problem for disadvantaged groups or settings?								
staile	Yes	Probably yes	Probably no	No	Don't know				
Ď	Are there important considerations that should be made when implementing the intervention (option) in order to ensure that inequities are reduced, if possible, and that they are not increased?								
	Yes	Probably yes	Probably no	No	Don't know				
	Final judgement Wh Reduced	nat would be the impa Probably redu	act on health equity? ced Probably no ii	mpact Probabl	y increased	Increased	Varies	Don't know	
РТАВІЦІТУ	Reduced	•	ced Probably no i	mpact Probabl	y increased	Increased	Varies	Don't know	
ACCEPTABILITY	Reduced Is the intervention One Probably no Probably yes	Probably redu	ced Probably no i	mpact Probabl	y increased	Increased	Varies	Don't know	
	Reduced Is the intervention One No Probably no Probably yes Yes Varies Don't know	Probably redu	ced Probably no i		y increased	Increased	Varies	Don't know	
	Reduced Is the intervention O No Probably no Probably yes Yes Varies Don't know ACCEPTABILITY: Is Panel discussion Detailed questions	Probably redu acceptable to key st	ced Probably no in	nolders?		Increased	Varies	Don't know	
	Reduced Is the intervention O No Probably no Probably yes Yes Varies Don't know ACCEPTABILITY: Is Panel discussion Detailed questions	Probably redu acceptable to key st	ced Probably no in akeholders?	nolders?		Increased	Varies	Don't know	
Detailed Judgement ACCEPTABILITY	Reduced Is the intervention O No Probably no Probably yes O Yes O Varies Don't know ACCEPTABILITY: Is Panel discussion Detailed questions Are there key staken	Probably redu acceptable to key state the intervention accomposed that would no Probably yes	ced Probably no in akeholders? eptable to key stakeholders taccept the distribution	nolders? on of the benefits, No	harms and costs? Don't know				

	Are there key stakeholders that would not agree with the values attached to the desirable or undesirable effects (because of how they might be affected personally or because of their perceptions of the relative importance of the effects for others)?								
	,								
						Don't know			
	Would the intervention (option) adversely affect people's autonomy? Yes Probably yes Probably no No Don't know								
	Yes	•	•	•	No on (ontion) mor	Don't know	ner than its effects on people's aut	onomy (i.o. in	
			such as non-malefic				iei tilairits errects on people's aut	onomy (i.e. iii	
	Yes	Probably	yes Probab	ly no	No	Don't know			
			on acceptable to ke	,	1	Doubt live out			
	No	Probably no	Probably yes	Yes	Varies	Don't know			
FEASIBILITY	Is the intervent o No o Probably no o Probably yes o Yes o Varies o Don't know	ion feasible to in	mplement?						
ıent	FEASIBILITY: Is a Panel discussion Detailed question Is the intervention	ons	feasible to implen nable?	nent?					
nagpr	No	Probably no	Probably yes	Yes	Varies	Don't know			
η p	Are there import	ant barriers that	are likely to limit th	ne feasibility of	i fimplementing	the intervention (or	otion) or require consideration who	en implementing it?	
Detailed Judgement	No		Probably yes	Yes	Varies	Don't know	, I	, ,	
	Final judgemen	t Is the interventi	on feasible to imple	ement?					
	No	Probably no	Probably yes	Yes	Varies	Don't know			

Summary of judgements

			JUDGI	EMENT				IMPLICATIONS	IMPORTANCE FOR DECISION
PROBLEM	No	Probably no	Probably yes	Yes		Varies	Don't know	$ \leftarrow \leftarrow \rightarrow \rightarrow \rightarrow $	
DESIRABLE EFFECTS	Trivial	Small	Moderate	Large		Varies	Don't know	<i> ←←↔→□</i>	
UNDESIRABLE EFFECTS	Large	Moderate	Small	Trivial		Varies	Don't know	₹ ←↔→⊃	
CERTAINTY OF EVIDENCE	Very low	Low	Moderate	High			No included studies	₹ ←↔→¬¬	
VALUES	Important uncertainty or variability	Possibly important uncertainty or variability	Probably no important uncertainty or variability	No important uncertainty or variability				₹ ←←→→□	
BALANCE OF EFFECTS	Favors the comparison	Probably favors the comparison	Does not favor either the intervention or the comparison	Probably favors the intervention	Favors the intervention	Varies	Don't know	₹ ←←→→□	
RESOURCES REQUIRED	Large costs	Moderate costs	Negligible costs and savings	Moderate savings	Large savings	Varies	Don't know	₹ ←↔→⊃	
CERTAINTY OF EVIDENCE OF REQUIRED RESOURCES	Very low	Low	Moderate	High			No included studies	<i>₹</i> ←↔→ <u></u>	
COST EFFECTIVENESS	Favors the comparison	Probably favors the comparison	Does not favor either the intervention or the comparison	Probably favors the intervention	Favors the intervention	Varies	No included studies	<i> </i>	
EQUITY	Reduced	Probably reduced	Probably no impact	Probably increased	Increased	Varies	Don't know	<i> </i>	
ACCEPTABILITY	No	Probably no	Probably yes	Yes		Varies	Don't know	$ \leftarrow \leftarrow \rightarrow \rightarrow $	

		JUDGEMENT						IMPLICATIONS	IMPORTANCE FOR DECISION
FEASIBILITY	No	Probably no	Probably yes	Yes		Varies	Don't know	$ \leftarrow \leftarrow \rightarrow \rightarrow \Rightarrow $	

Key for implications column:

What are the implications of this criterion for this decision?

Favors the comparison	\$
Probably favors the comparison	←
Does not favors either the comparison or the intervention	\leftrightarrow
Probably favors the intervention	\rightarrow
Favors the intervention	3

Conclusions

Should [intervention] vs. [comparison] be used for [health problem and/or population]?

Siloulu [iliter vention] vo	s. [comparison] be used for [nearth problem and/or population]:				
TYPE OF RECOMMENDATION	Strong recommendation against the intervention	Conditional recommendation against the intervention	Conditional recommendation for either the intervention or the comparison	Conditional recommendation for the intervention	Strong recommendation for the intervention
	0	0	0	0	0
RECOMMENDATION					
JUSTIFICATION	Overall				
	Detailed justification Select the criteria that were the most important for this decision. Write a brief summary of how selected criterion influenced the decision.				
SUBGROUP CONSIDERATIONS					
IMPLEMENTATION CONSIDERATIONS					
MONITORING AND EVALUATION					
RESEARCH PRIORITIES					